

FIG. 1



FIG. 2

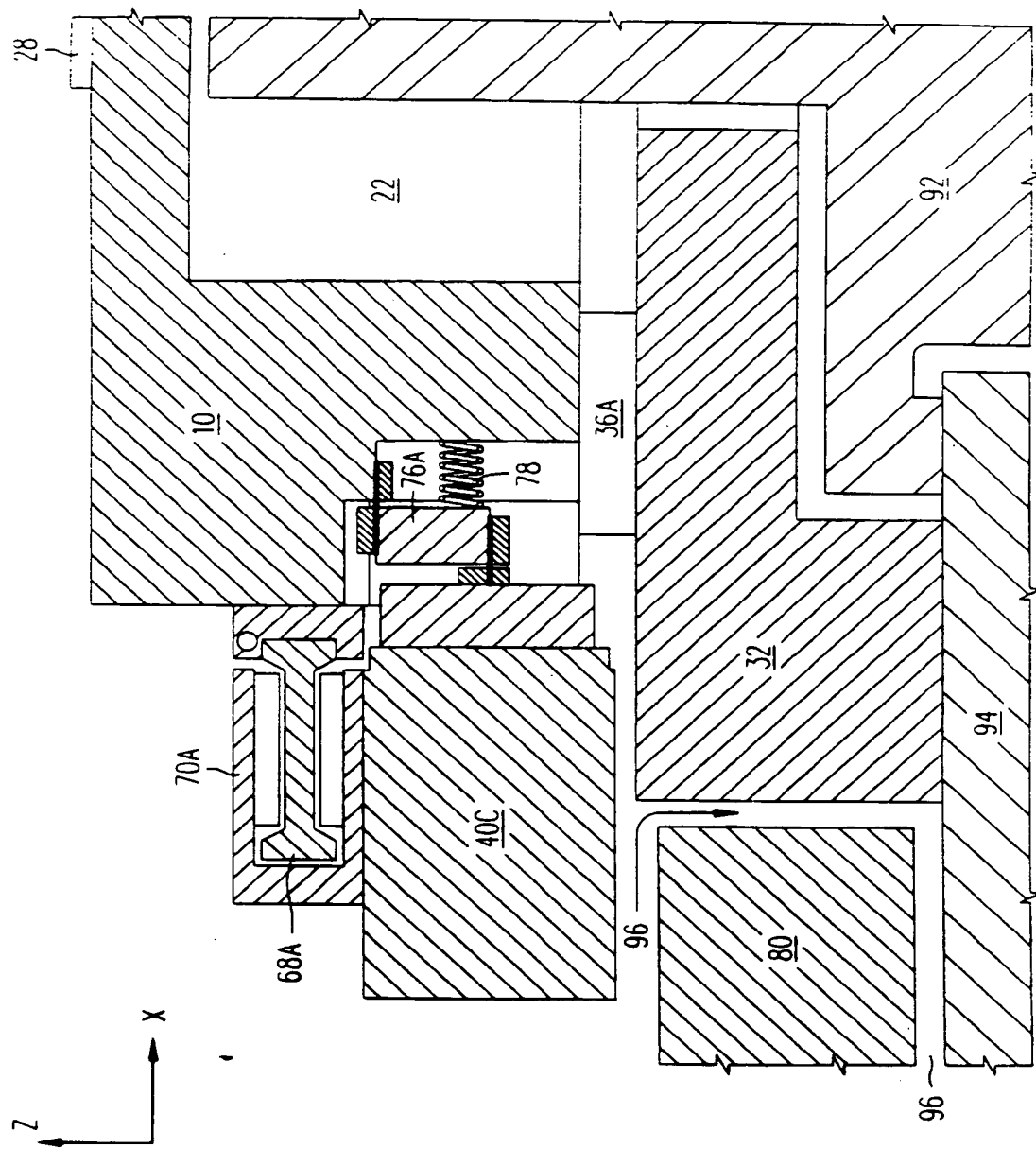
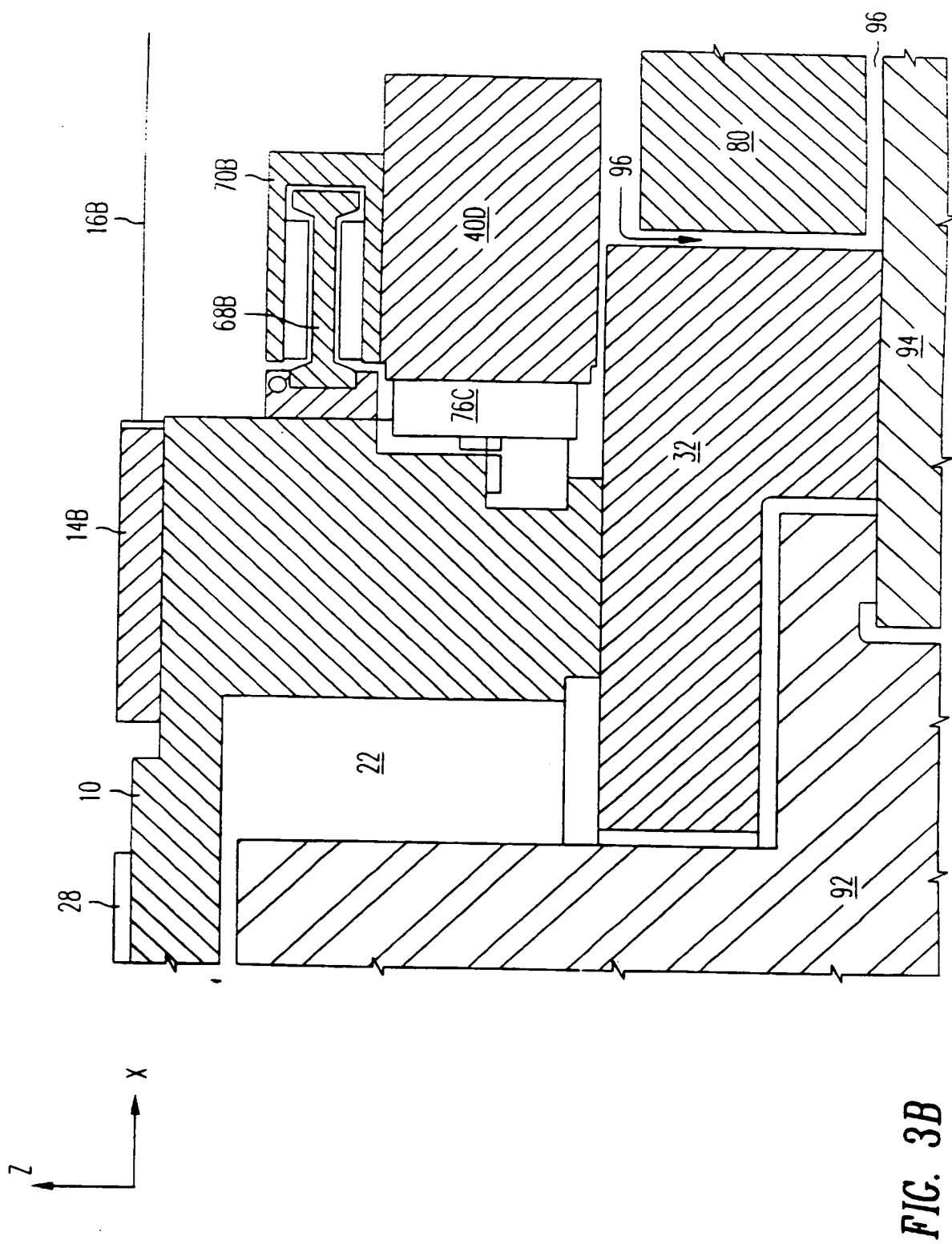


FIG. 3A



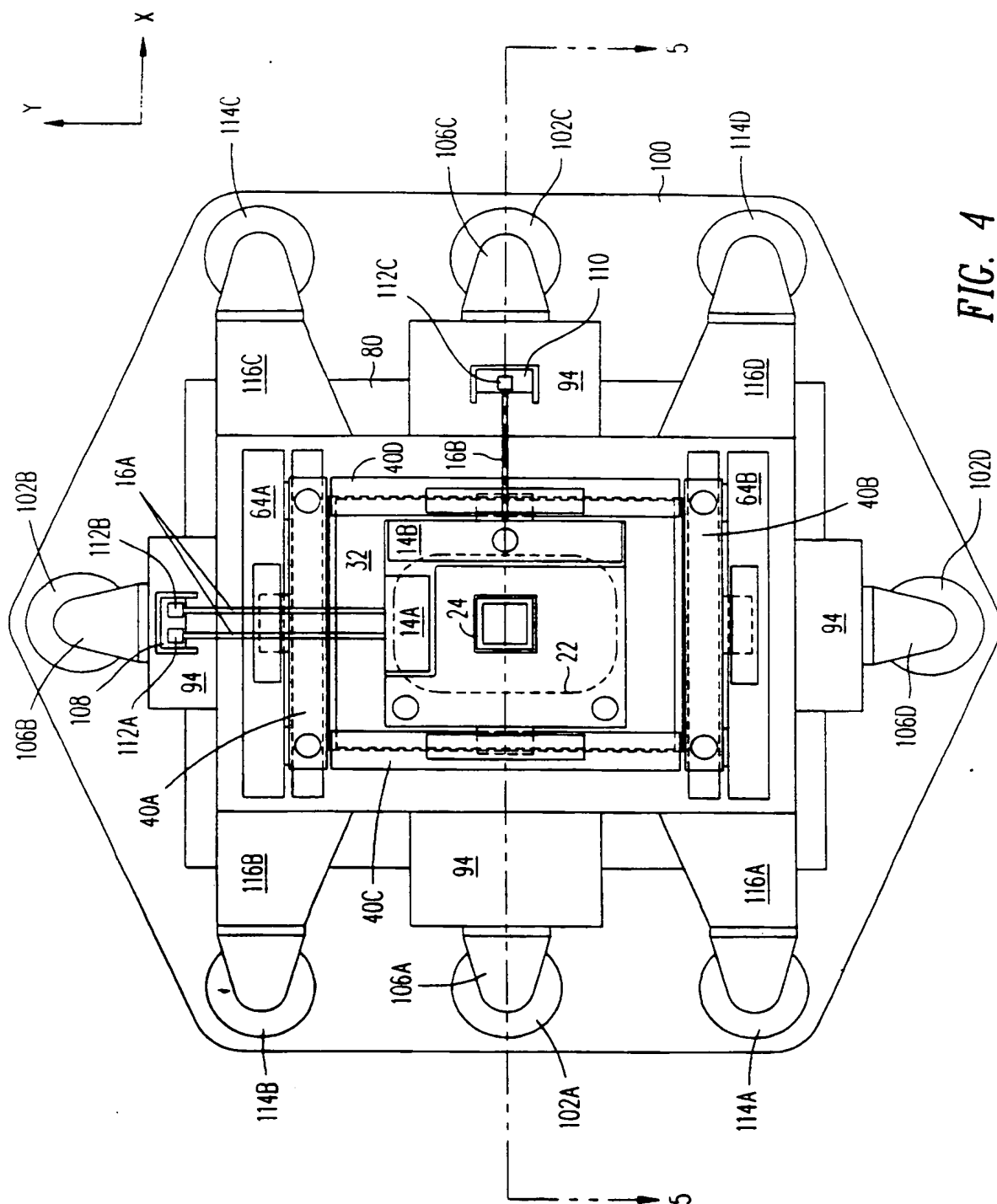


FIG. 4

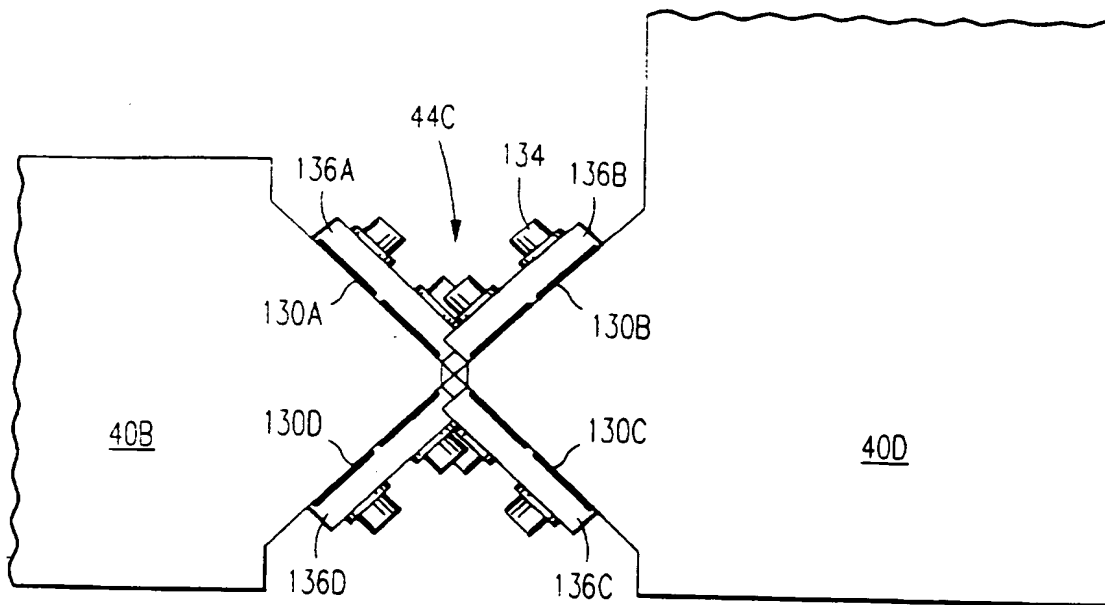


FIG. 6A

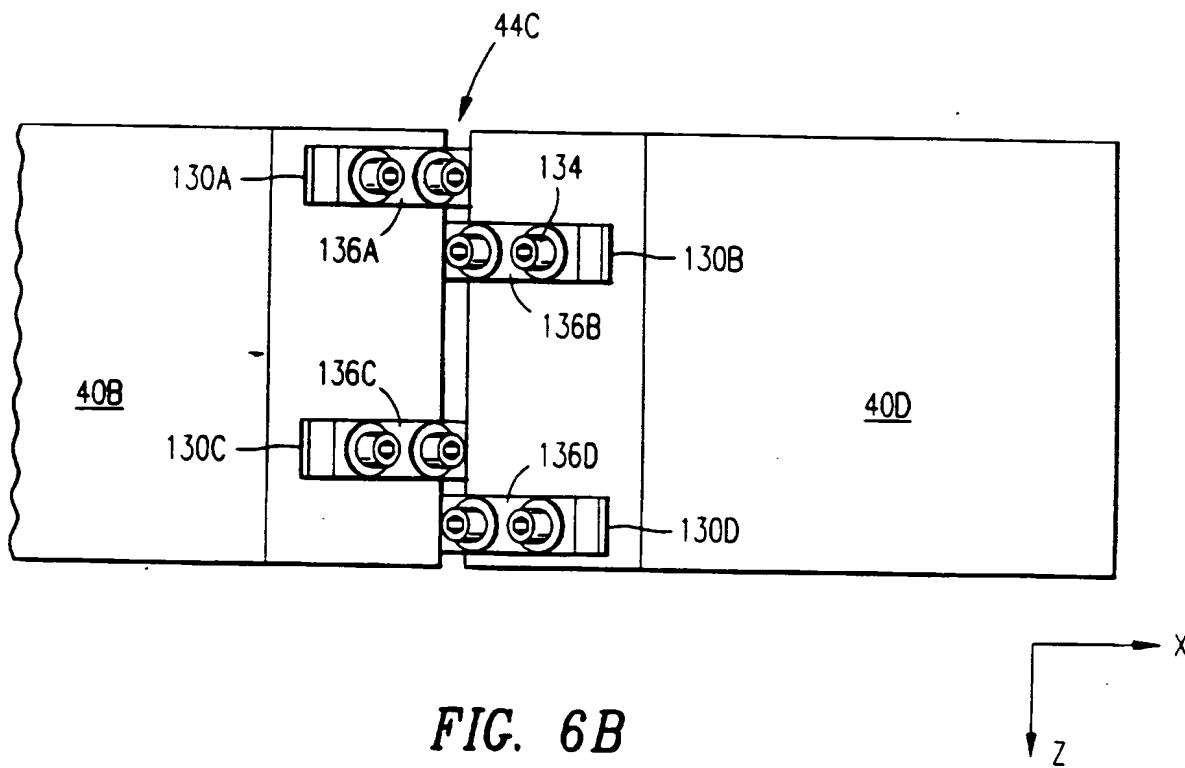


FIG. 6B

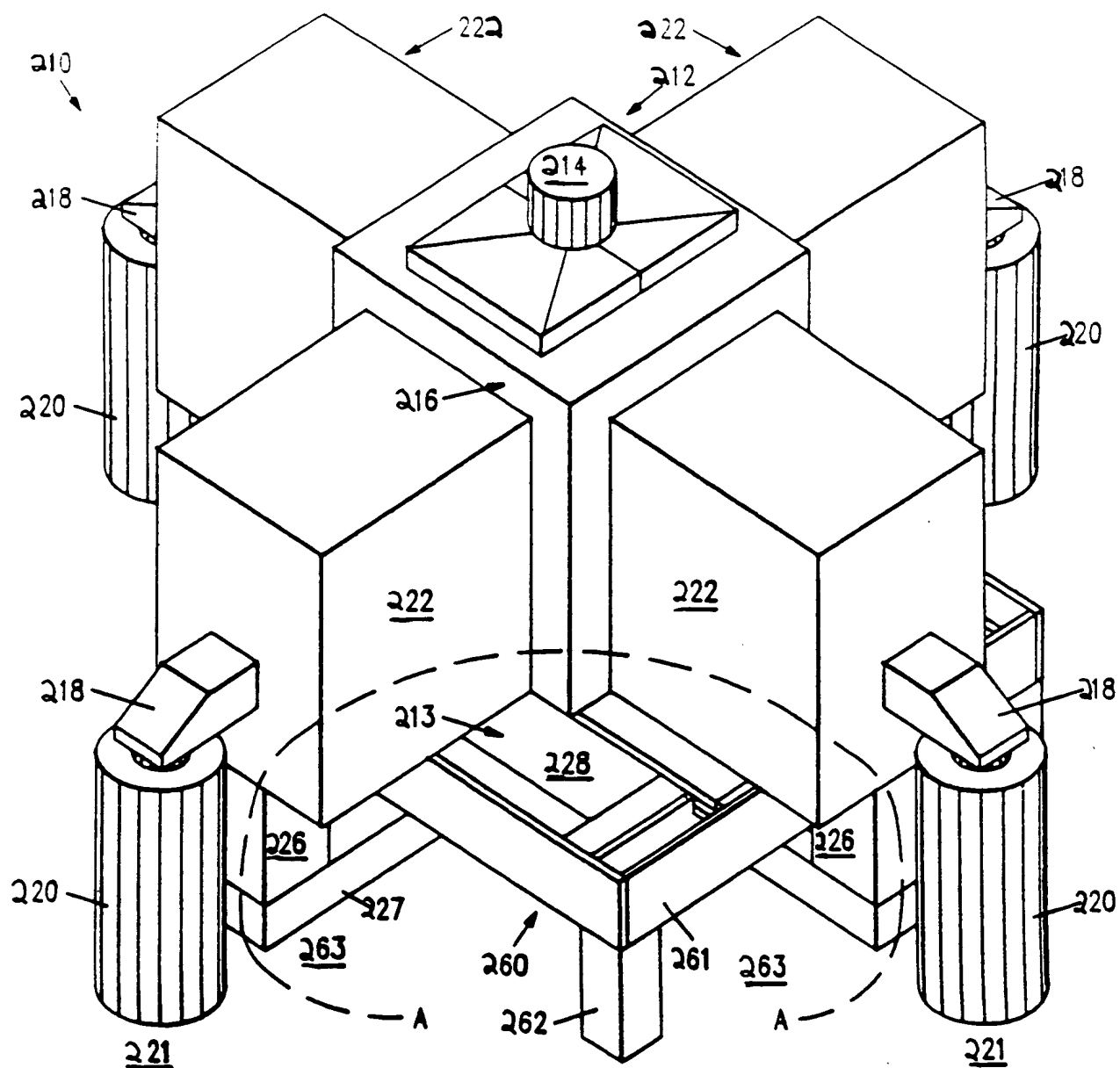


FIG. 7

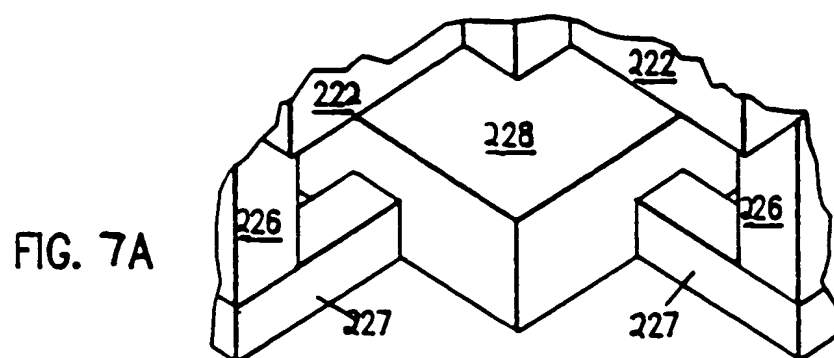


FIG. 7A

This diagram shows a cross-sectional view of a synchrotron radiation source assembly. At the top, a dashed line indicates a vacuum chamber containing a Linear Motion Platform (LMP), an Electromagnet (EM), and a Free Electron Laser (FEL) section, collectively labeled 214. Below this is a curved deflection magnet (CL). The main body of the assembly, labeled 212, is a large rectangular structure. Inside, a central vertical column (PL(216)) is surrounded by a thick wall (RST) and a thin layer (R). The base of the assembly, labeled 213, features a complex support structure with various layers and components. These include a base plate (220), a support structure (222), a radiation monitor (RMI), a window (W 230), a filter (261), and a detector (262). The entire assembly is mounted on a base (221) with a support structure (228).

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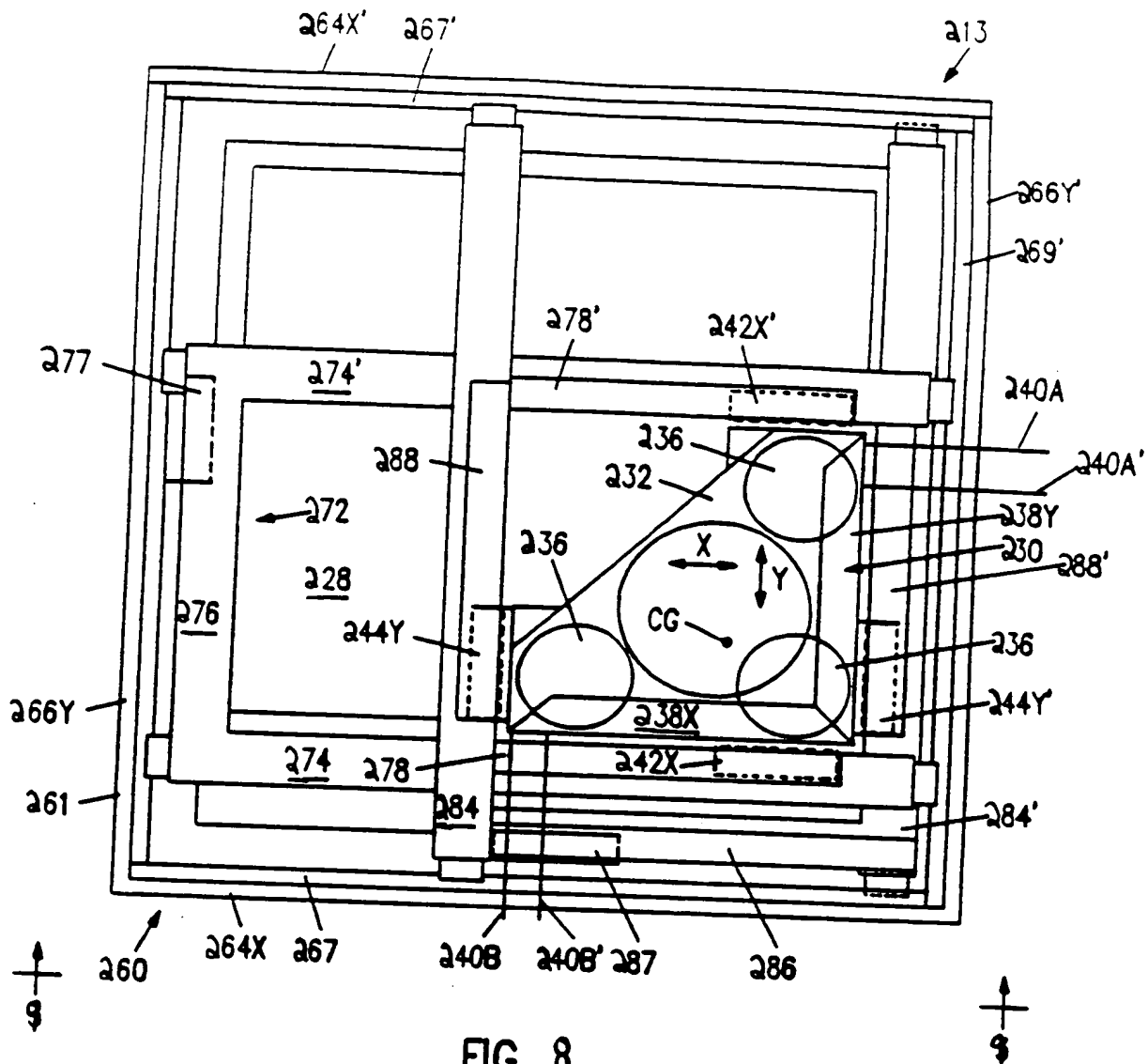


FIG. 8

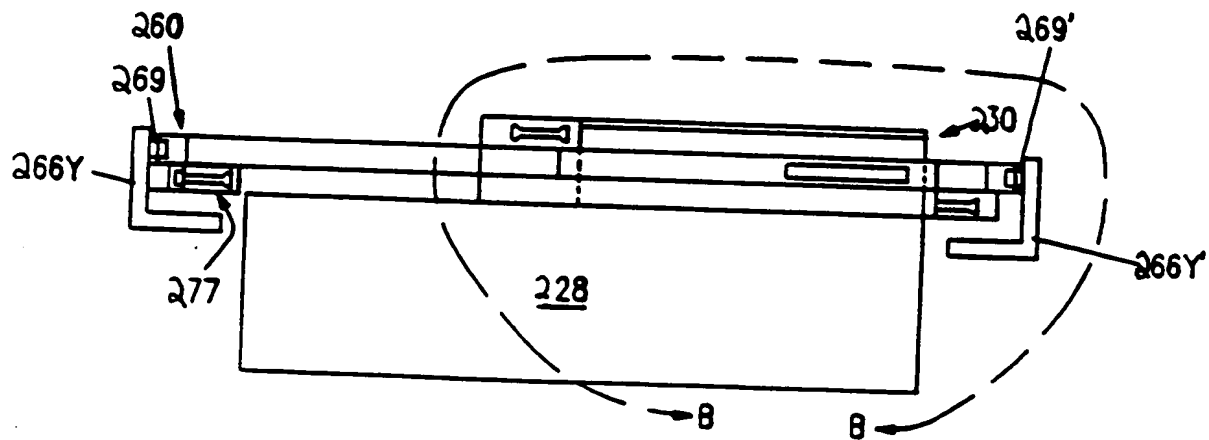


FIG. 9

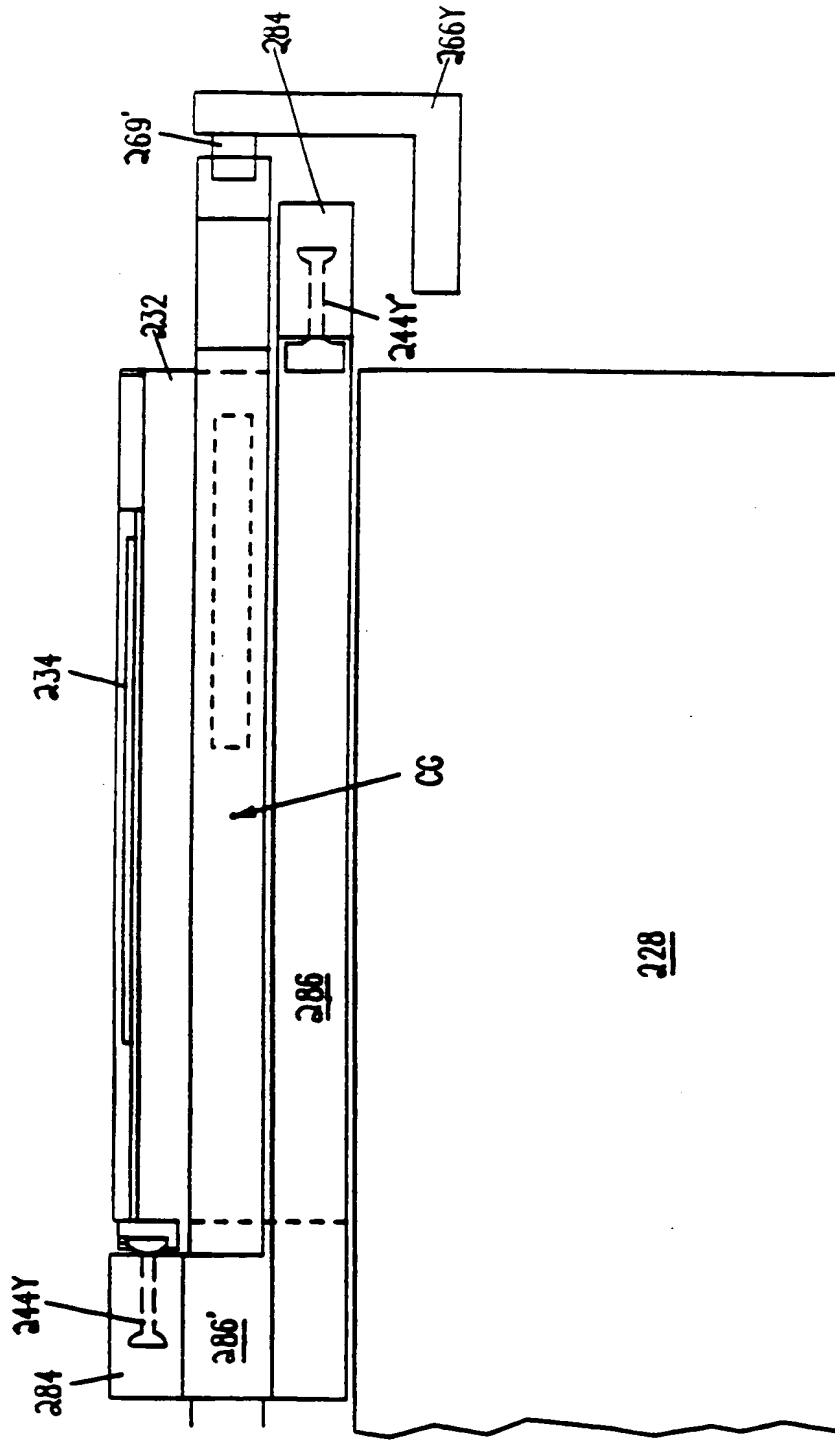
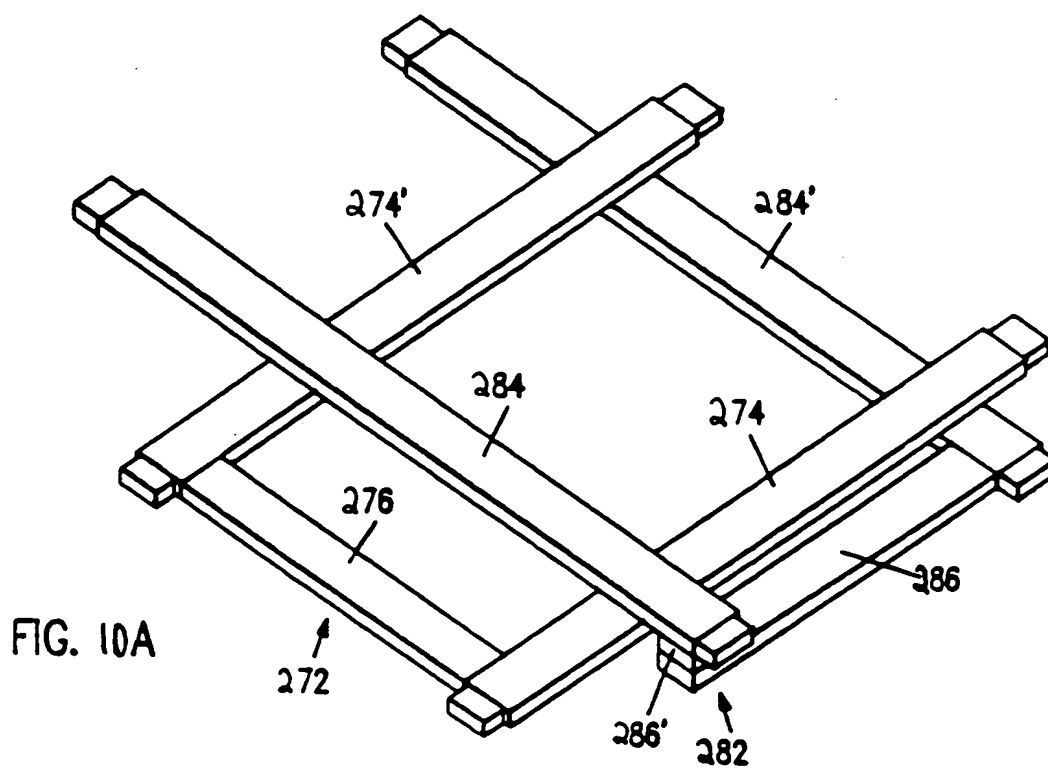
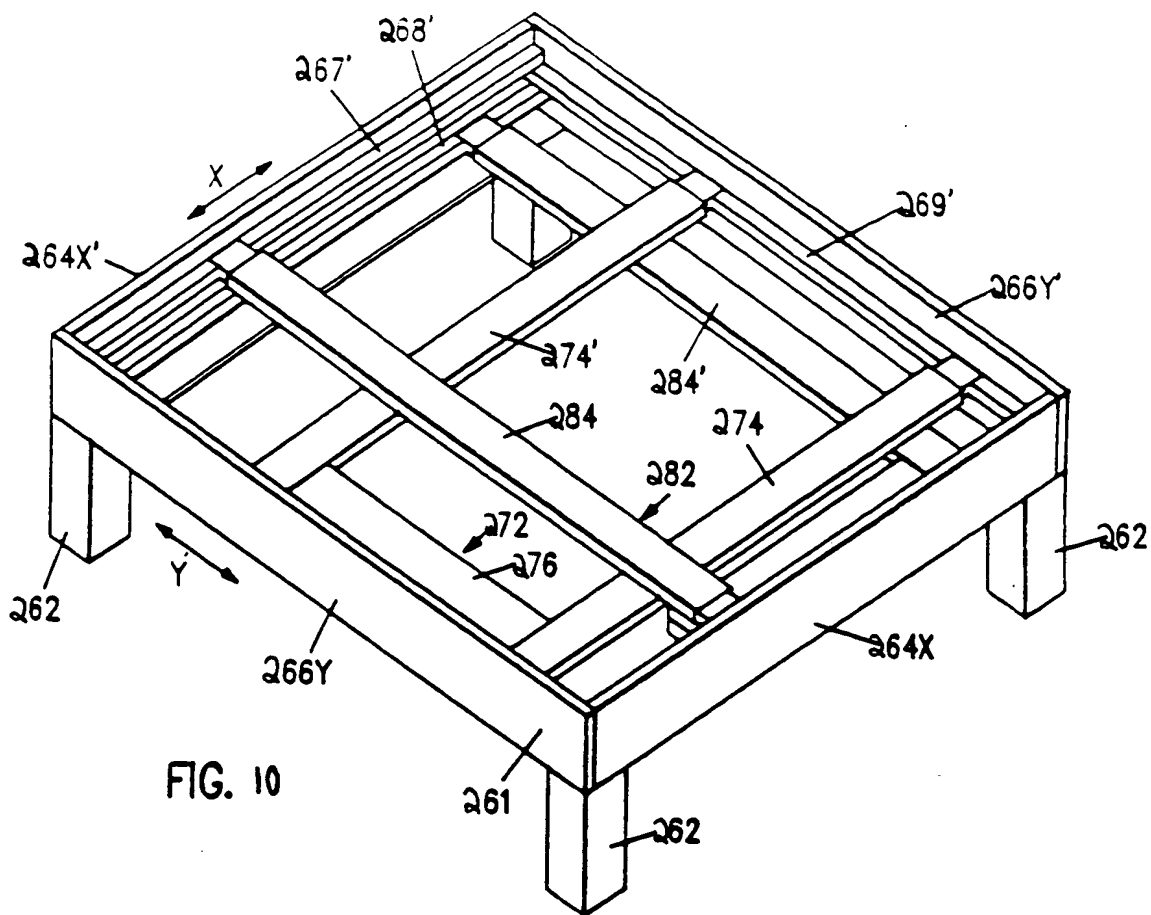


FIG. 9A



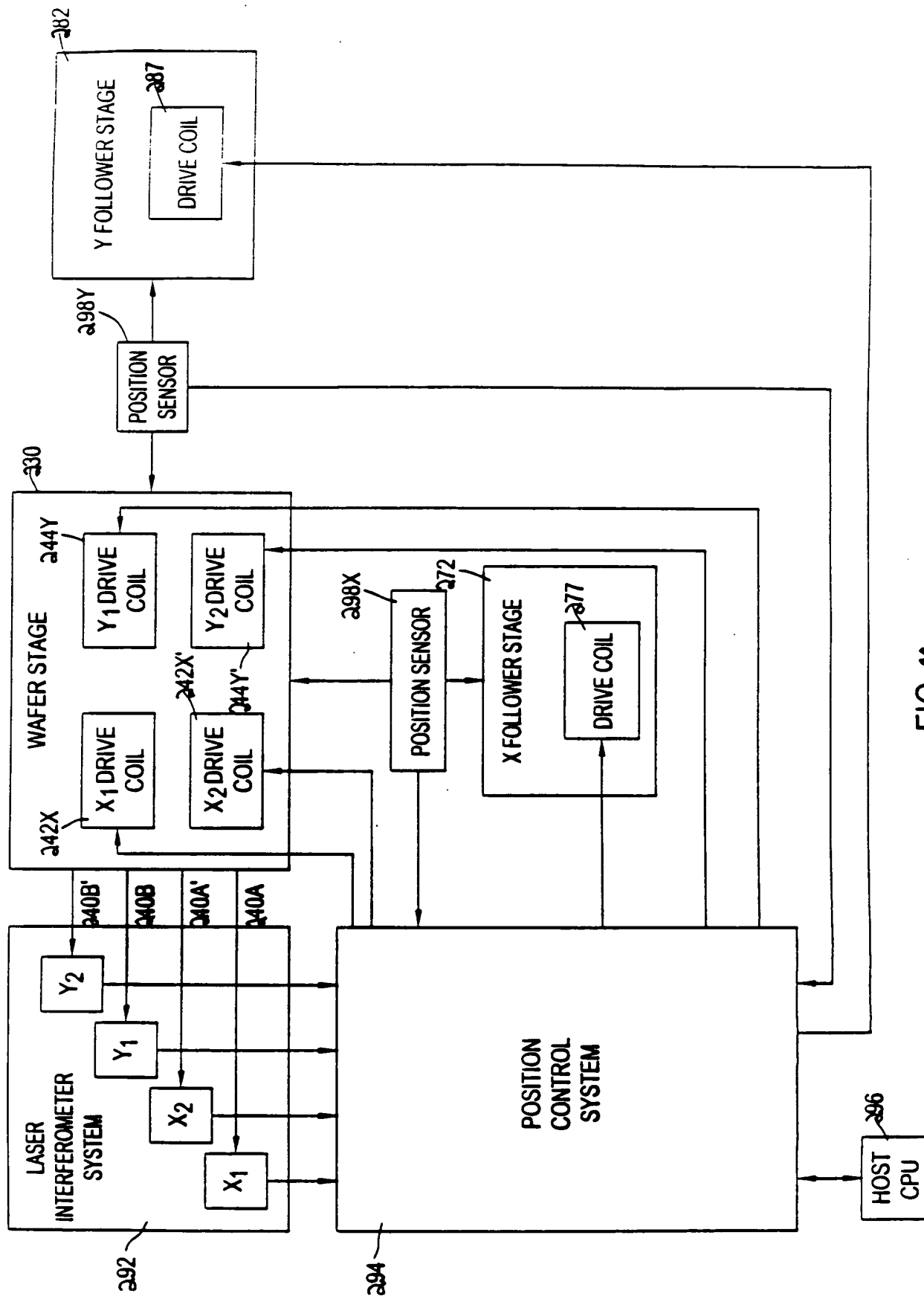


FIG. 11

009277 29261160

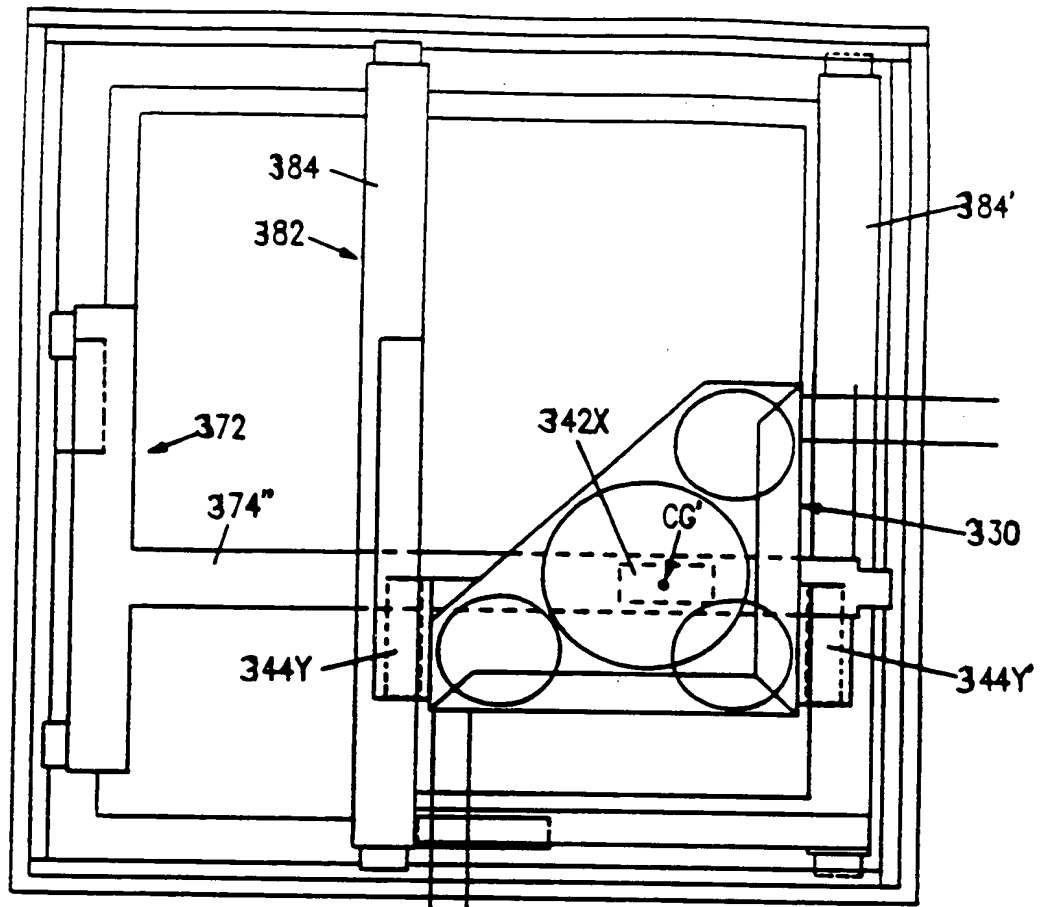


FIG. 12

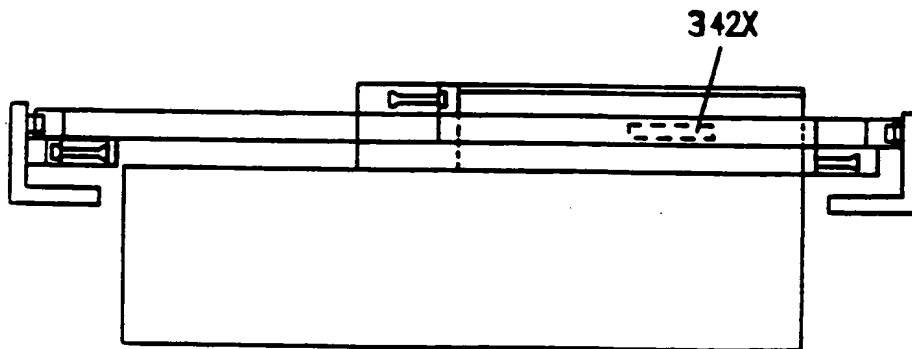


FIG. 13

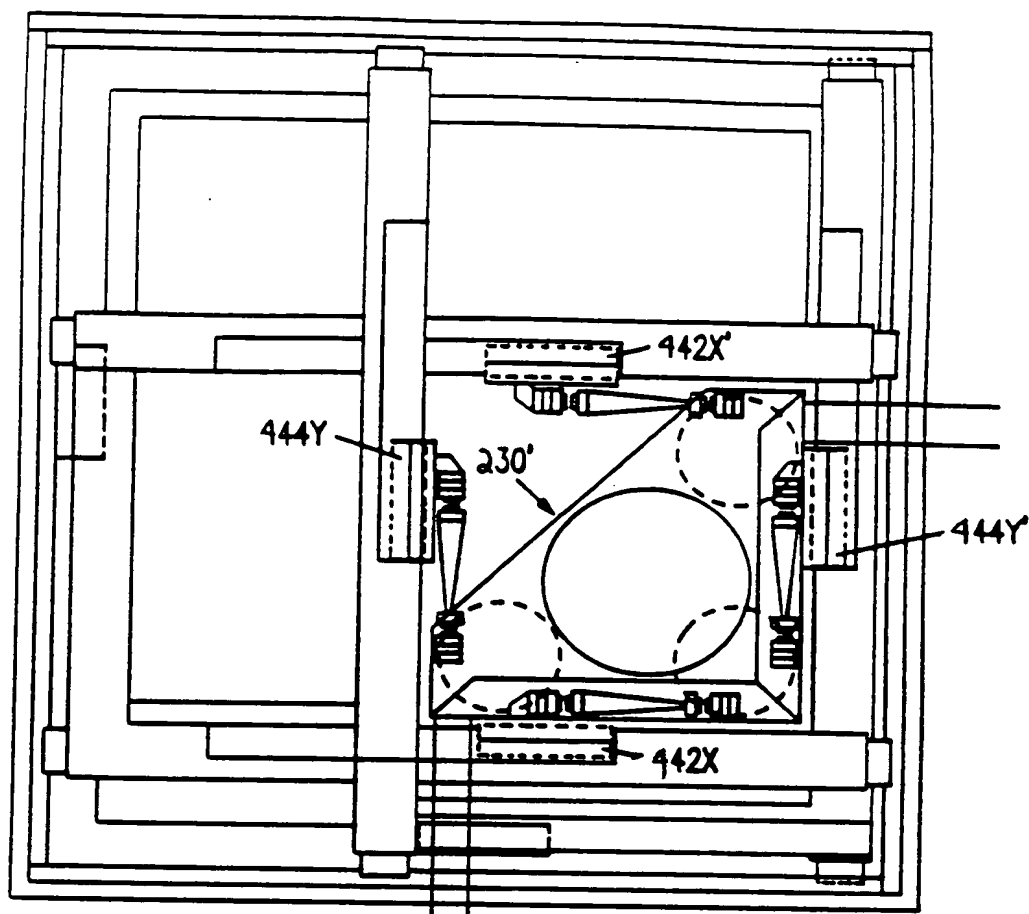


FIG. 14

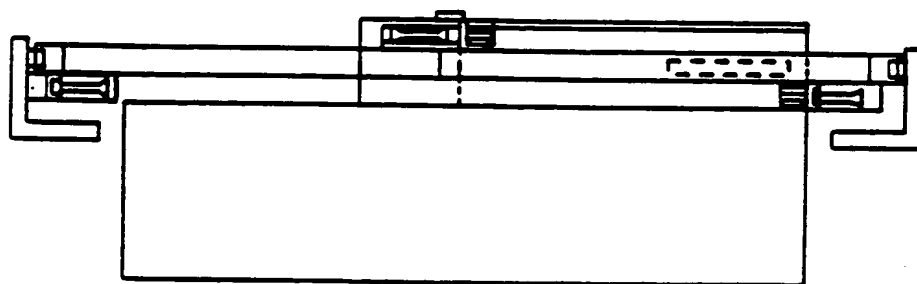


FIG. 15

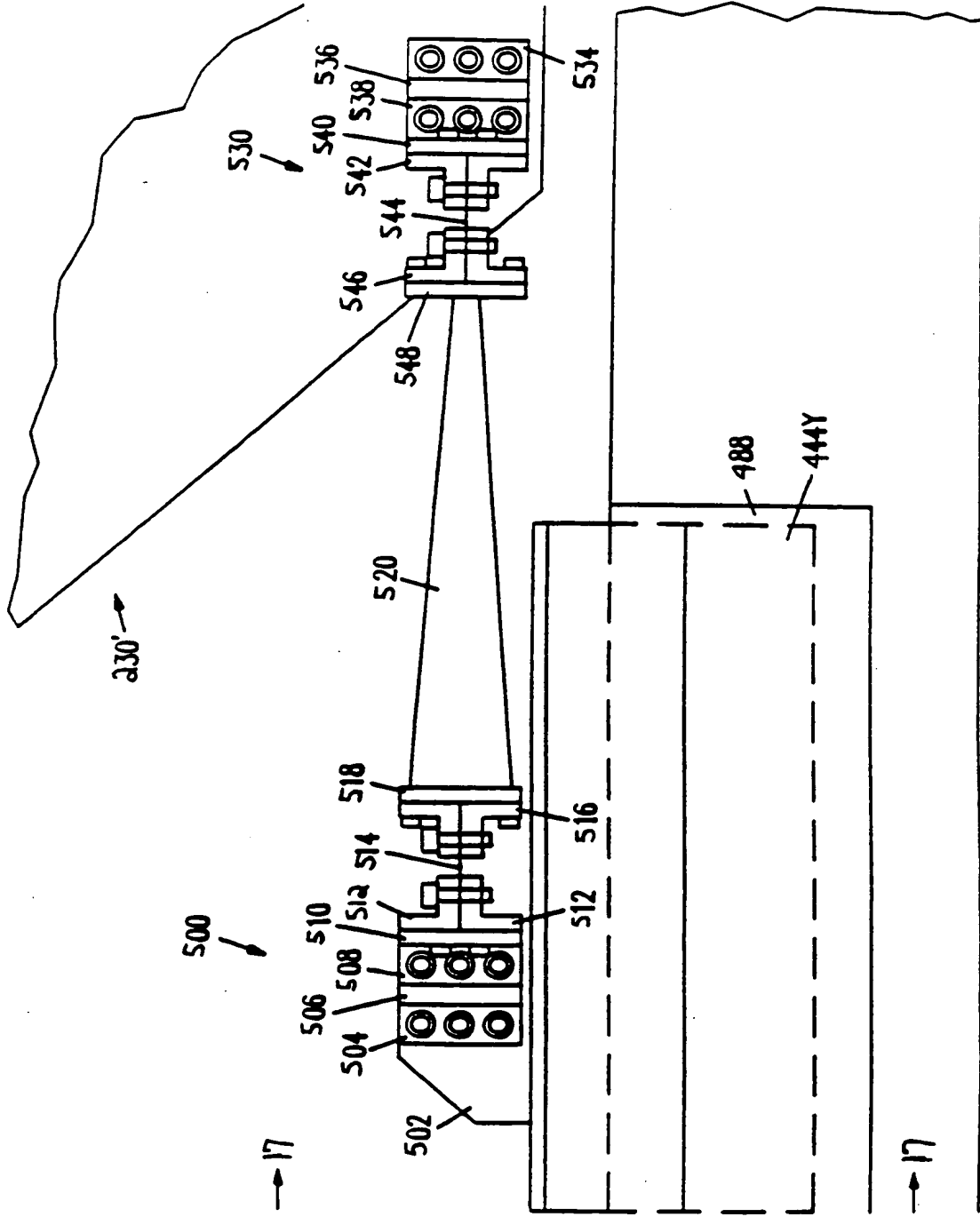


FIG. 16

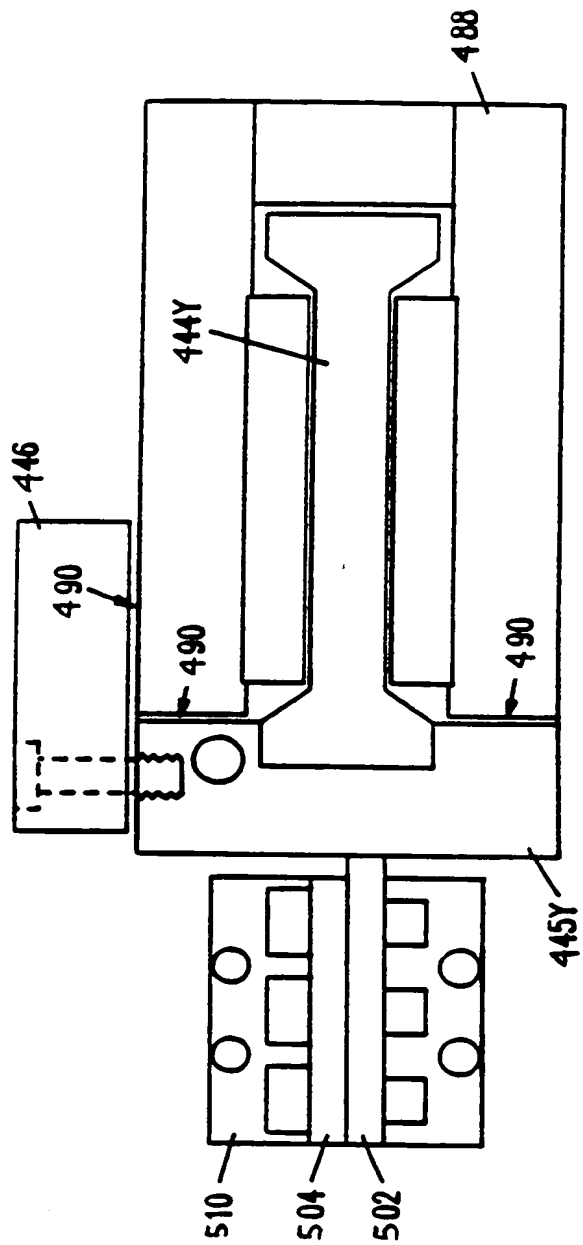


FIG. 17